

Course discipline/number/title: AMT 1825: Alignment and Suspension Lab

- A. CATALOG DESCRIPTION
1. Credits: 3
 2. Hours/Week: 6
 3. Prerequisites (Course discipline/number): None
 4. Other requirements: None
 5. MnTC Goals (if any): NA
- B. COURSE DESCRIPTION: This course covers a diagnosis, evaluation, adjustment, and repair of suspension systems and related automotive components.
- C. DATE LAST REVISED (Month, year): February, 2022
- D. OUTLINE OF MAJOR CONTENT AREAS:
1. Inspection, Evaluation, and Repair of Suspension Systems
 2. Evaluation and Repair of Wheels and Tires
 3. Four-wheel Alignments
 4. Car and Light Truck Alignment Equipment
- E. LEARNING OUTCOMES (GENERAL): The student will be able to:
1. Inspect, evaluate, and repair suspension systems.
 2. Properly repair of wheels, tires, and tire monitoring systems.
 3. Perform four-wheel alignments on cars and light trucks.
 4. Replacement and balancing of tires.
 5. Repair and program tire monitor system components.
- F. LEARNING OUTCOMES (MNTC): NA
- G. METHODS FOR EVALUATION OF STUDENT LEARNING: Methods may include but are not limited to:
1. Shop/lab projects
 2. Lab assignments/worksheets
 3. Individual and group projects
- H. RCTC CORE OUTCOME(S). This course contributes to meeting the following RCTC Core Outcome(s): Critical Thinking. Students will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.
- I. SPECIAL INFORMATION (if any): None